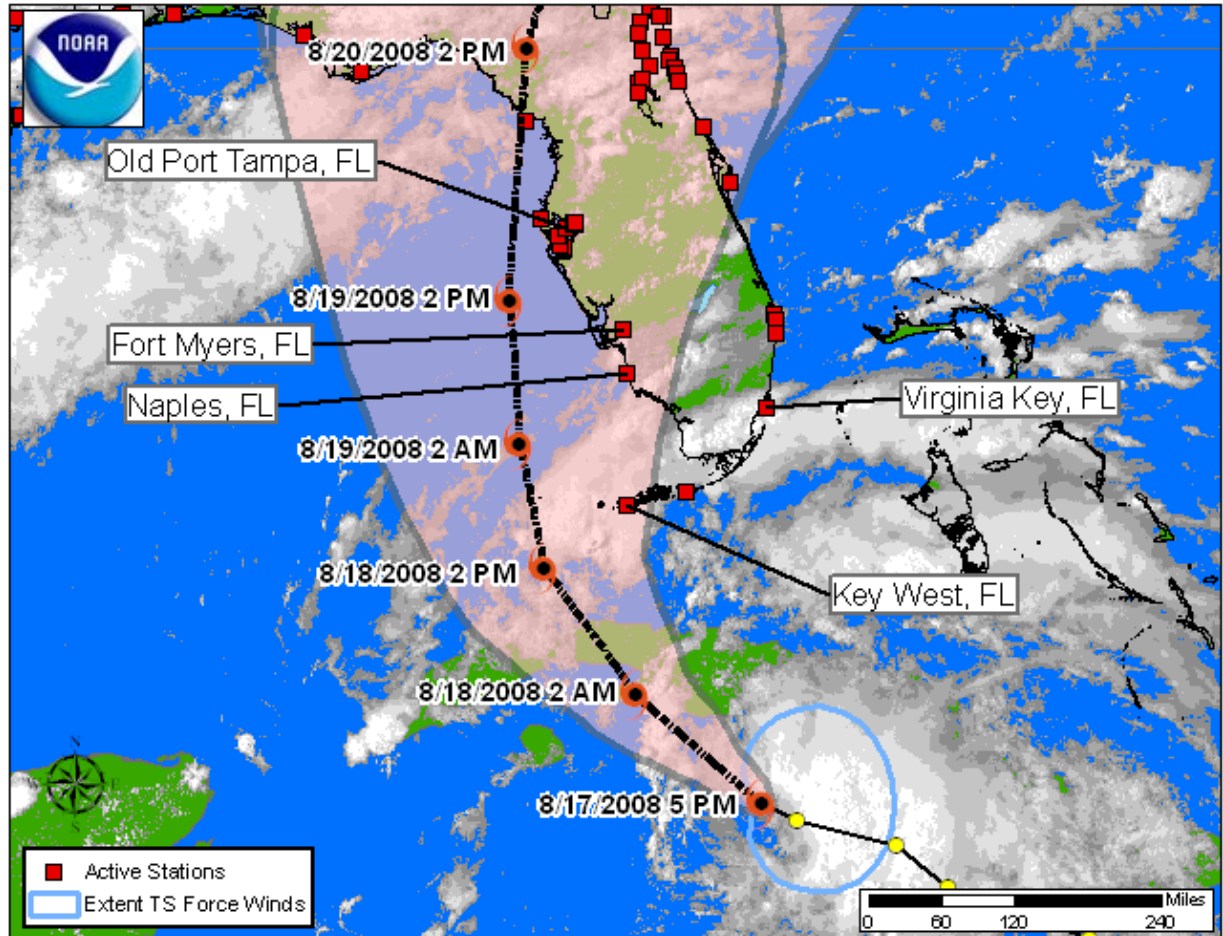




Tropical Storm FAY QuickLook  
Posted: 18:00 EDT 08/17/2008

NOAA and NOAA Partnership Stations Relative to the Storm



#### Storm Analysis

As of 08/17/2008 1800 EDT, water levels along the Florida Keys and Southern Florida have slowly begun to rise. Barometric pressure continues to fall across Southern Florida.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:

Key West, FL: Next predicted high tide is 1.60 ft (0.49 m) at 08/17/2008 23:33 EDT.

Virginia Key, FL: Next predicted high tide is 2.37 ft (0.72 m) at 08/17/2008 22:24 EDT.

Naples, FL: Next predicted high tide is 2.77 ft (0.84 m) at 08/18/2008 02:00 EDT.

Fort Meyers, FL: Next predicted high tide is 1.21 ft (0.37 m) at 08/18/2008 05:45 EDT.

Old Port Tampa, FL: Next predicted high tide is 2.12 ft (0.65 m) at 08/18/2008 04:39 EDT.

For additional data, please see the [Center for Operational Oceanographic Products & Services website](#). For more information or archived products and reports, please see the [Storm QuickLook Homepage](#).

Analyst: CM

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**SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:**

**TROPICAL STORM FAY ADVISORY NUMBER 9**

**500 PM EDT SUN AUG 17 2008**

**...FAY MOVING WEST-NORTHWESTWARD SOUTH OF CENTRAL CUBA...MORE CHANGES TO THE WARNINGS AND WATCHES...**

**AT 5 PM EDT THE HURRICANE WATCH ON THE WEST COAST OF FLORIDA IS EXTENDED NORTHWARD TO TARPON SPRINGS. A HURRICANE WATCH IS IN NOW EFFECT FOR THE FLORIDA KEYS FROM SOUTH OF OCEAN REEF TO KEY WEST INCLUDING THE DRY TORTUGAS AND FLORIDA BAY AND ALONG THE FLORIDA MAINLAND FROM CARD SOUND BRIDGE WESTWARD TO TARPON SPRINGS. A HURRICANE WATCH MEANS THAT HURRICANE CONDITIONS ARE POSSIBLE WITHIN THE WATCH AREA GENERALLY WITHIN 36 HOURS.**

**A TROPICAL STORM WARNING REMAINS IN EFFECT FOR THE FLORIDA KEYS FROM CRAIG KEY WESTWARD TO THE DRY TORTUGAS INCLUDING FLORIDA BAY. A TROPICAL STORM WARNING MEANS THAT TROPICAL STORM CONDITIONS ARE EXPECTED WITHIN THE WARNING AREA WITHIN THE NEXT 24 HOURS.**

**A TROPICAL STORM WATCH REMAINS IN EFFECT FOR THE SOUTHEAST COAST OF FLORIDA FROM OCEAN REEF NORTHWARD TO JUPITER INLET AND FOR LAKE OKEECHOBEE. A TROPICAL STORM WATCH MEANS THAT TROPICAL STORM CONDITIONS ARE POSSIBLE WITHIN THE WATCH AREA GENERALLY WITHIN 36 HOURS.**

**INTERESTS ELSEWHERE IN THE FLORIDA PENINSULA, THE NORTHWESTERN BAHAMAS AND THE EASTERN GULF OF MEXICO SHOULD MONITOR THE PROGRESS OF FAY.**

**AT 500 PM EDT THE CENTER OF TROPICAL STORM FAY WAS LOCATED NEAR LATITUDE 21.0 NORTH, LONGITUDE 80.2 WEST OR ABOUT 205 MILES SOUTHEAST OF HAVANA CUBA AND ABOUT 270 MILES SOUTH-SOUTHEAST OF KEY WEST FLORIDA.**

**FAY IS MOVING TOWARD THE WEST-NORTHWEST NEAR 15 MPH. A TURN TOWARD THE NORTHWEST AND A SLOWER FORWARD SPEED ARE EXPECTED TONIGHT WITH A TURN TOWARD THE NORTH EXPECTED MONDAY OR MONDAY NIGHT. ON THE FORECAST TRACK...FAY IS EXPECTED CROSS WESTERN CUBA OVERNIGHT TONIGHT OR MONDAY MORNING...AND MOVE NEAR THE FLORIDA KEYS MONDAY OR MONDAY NIGHT.**

**MAXIMUM SUSTAINED WINDS ARE NEAR 50 MPH WITH HIGHER GUSTS. SLOW STRENGTHENING IS FORECAST DURING THE NEXT COUPLE OF DAYS AND FAY COULD**

**BE APPROACHING HURRICANE STRENGTH WHEN IT REACHES WESTERN CUBA TONIGHT AND WHEN IT APPROACHES THE FLORIDA KEYS MONDAY OR MONDAY NIGHT.**

**TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 105 MILES FROM THE CENTER.**

**THE LATEST MINIMUM CENTRAL PRESSURE REPORTED BY AN AIR FORCE RESERVE HURRICANE HUNTER AIRCRAFT IS 1003 MB.**

**TIDES OF 2 TO 4 FT ABOVE NORMAL ARE POSSIBLE IN THE FLORIDA KEYS IN THE WARNING AREA.**

**ISOLATED TORNADOES ARE POSSIBLE LATE TONIGHT AND MONDAY OVER THE FLORIDA KEYS AND THE SOUTHERN FLORIDA PENINSULA.**

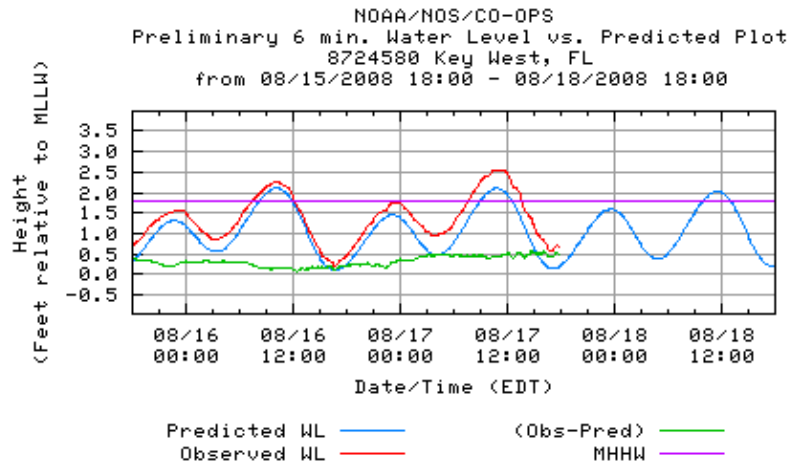
**HEAVY RAIN MAY BEGIN TO AFFECT THE FLORIDA KEYS AND SOUTH FLORIDA TONIGHT AND INTO MONDAY. RAINFALL TOTALS OF 4 TO 6 INCHES WITH MAXIMUM AMOUNTS OF 10 INCHES ARE POSSIBLE FOR THE FLORIDA KEYS AND SOUTH FLORIDA.**

**FORECASTER BEVEN**

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Key West - Water Level](#), [Key West - Winds](#), [Key West - Air/Water Temp](#), [Key West - Barometric](#), [Virginia Key - Water Level](#), [Naples - Water Level](#), [Naples - Winds](#), [Naples - Air/Water Temp](#), [Naples - Barometric](#), [Fort Myers - Water Level](#), [Fort Myers - Winds](#), [Fort Myers - Air/Water Temp](#), [Fort Myers - Barometric](#), [Old Port Tampa - Water Level](#), [Old Port Tampa - Winds](#).

**Key West, FL - Station Map** [Return to List](#)

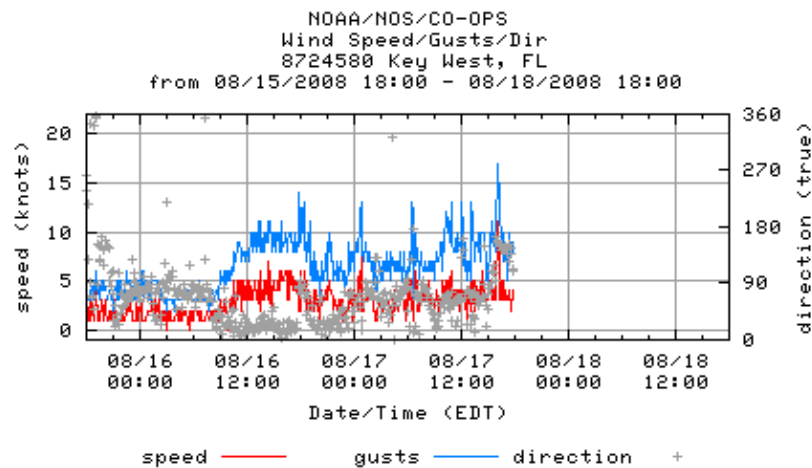


Last Observed Sample: 08/17/2008 17:48 (EDT)

Relative to **MLLW**: **Observed: 0.66 ft. Predicted: 0.19 ft. Residual: 0.47 ft.**

Historical Maximum Water Level: 09/08/1965, 1.93 ft. above **MHHW**

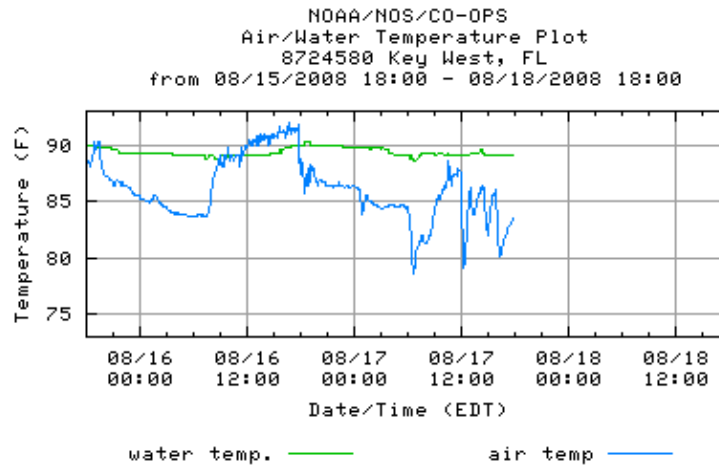
**Key West, FL - Station Map** [Return to List](#)



Last Observed Sample: 08/17/2008 17:48 (EDT)

**Wind Speed: 3 knots Gusts: 8 knots Direction: 110° T**

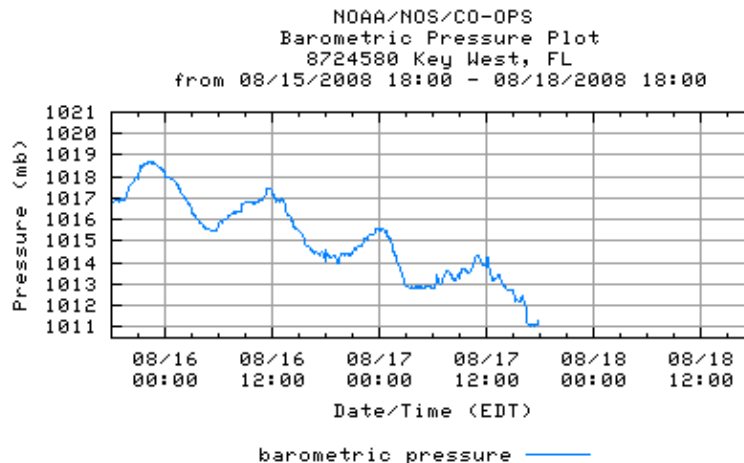
**Key West, FL - Station Map** [Return to List](#)



Last Observed Sample: 08/17/2008 17:48 (EDT)

Water Temperature: 89.2° F Air Temperature: 83.5° F

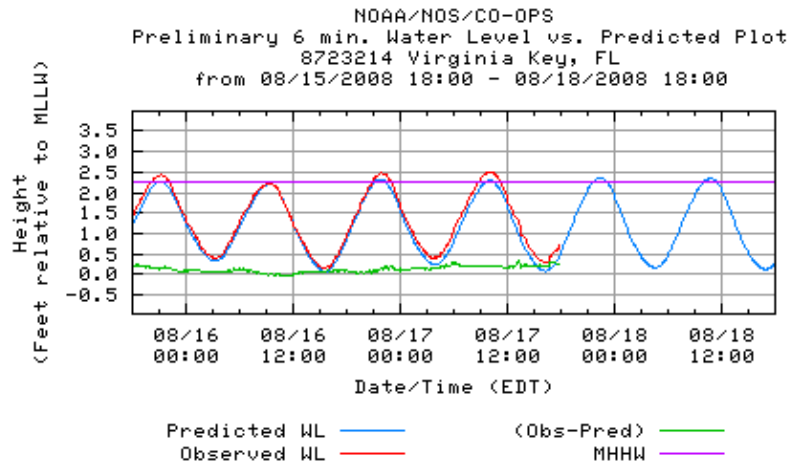
**Key West, FL - Station Map** [Return to List](#)



Last Observed Sample: 08/17/2008 17:48 (EDT)

Barometric Pressure: 1011.3 mb

**Virginia Key, FL - Station Map** [Return to List](#)

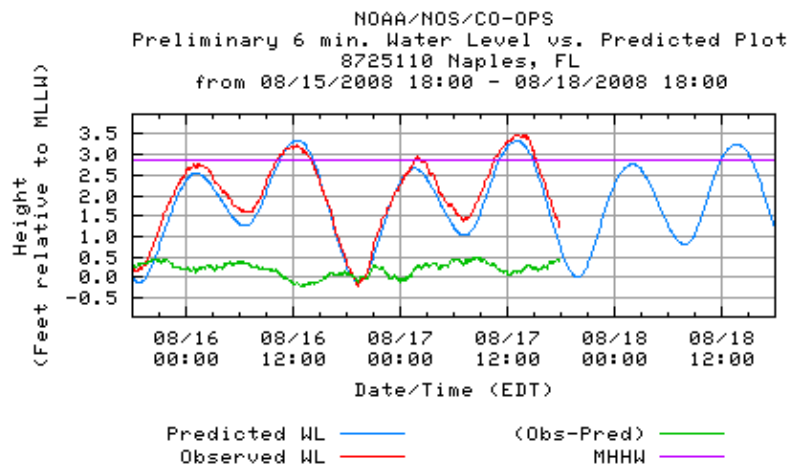


Last Observed Sample: 08/17/2008 17:48 (EDT)

Relative to **MLLW**: **Observed: 0.70 ft. Predicted: 0.46 ft. Residual: 0.24 ft.**

Historical Maximum Water Level: 11/15/1994, 1.9 ft. above **MHHW**

**Naples, FL - Station Map** [Return to List](#)

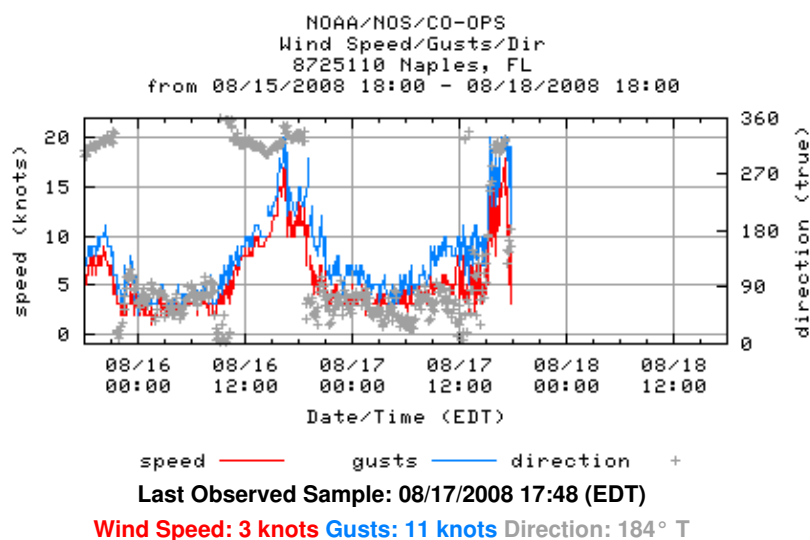


Last Observed Sample: 08/17/2008 17:48 (EDT)

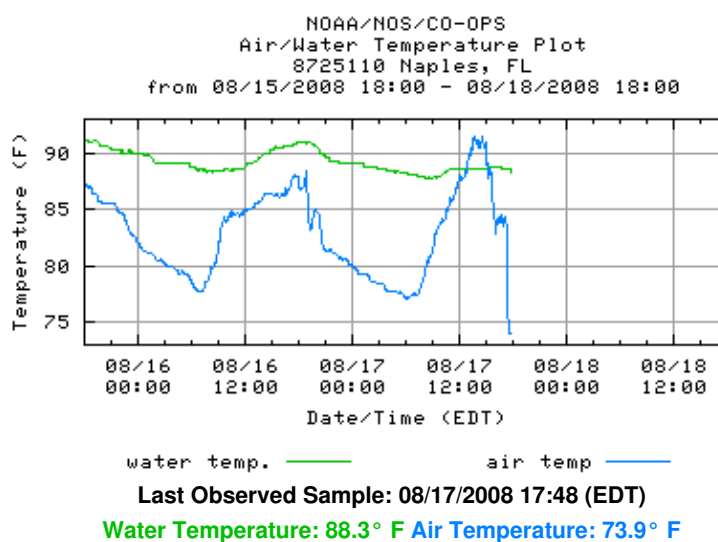
Relative to **MLLW**: **Observed: 1.22 ft. Predicted: 0.81 ft. Residual: 0.41 ft.**

Historical Maximum Water Level: 12/21/1972, 3.11 ft. above **MHHW**

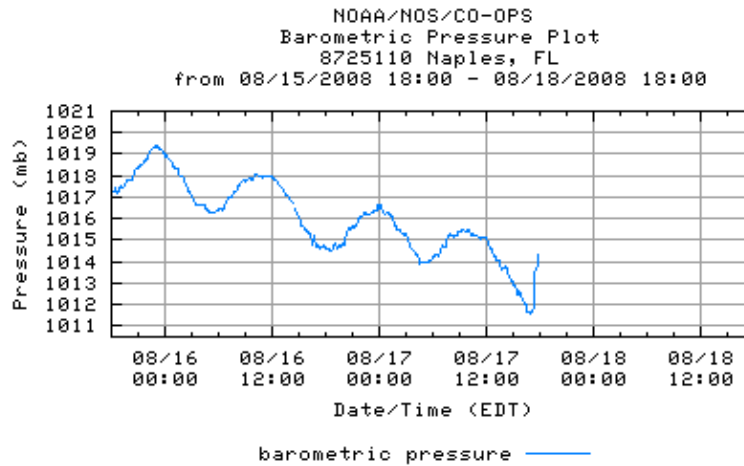
**Naples, FL - Station Map** [Return to List](#)



**Naples, FL - Station Map** [Return to List](#)



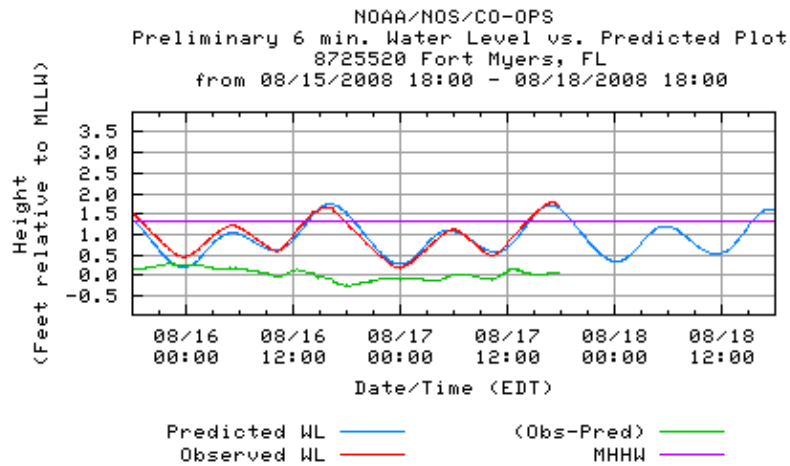
**Naples, FL - Station Map** [Return to List](#)



Last Observed Sample: 08/17/2008 17:48 (EDT)

Barometric Pressure: 1014.3 mb

**Fort Myers, FL - Station Map** [Return to List](#)



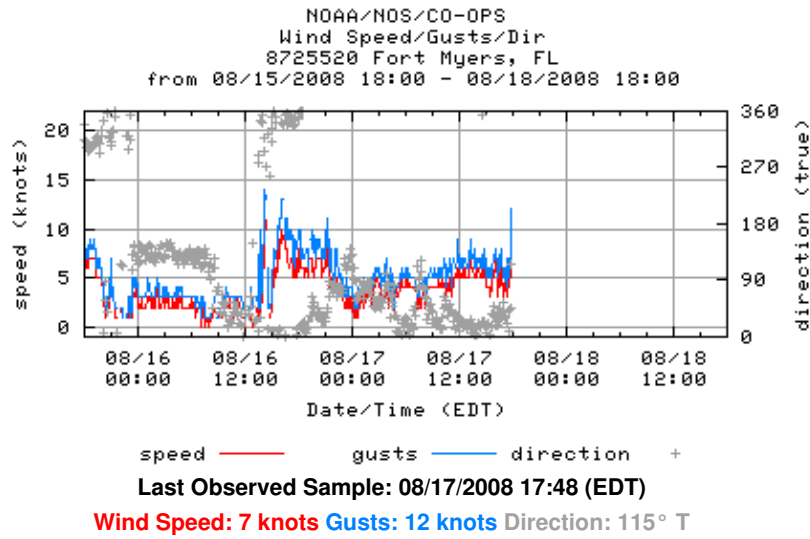
Last Observed Sample: 08/17/2008 17:48 (EDT)

Relative to **MLLW**: **Observed: 1.70 ft.** **Predicted: 1.64 ft.** **Residual: 0.06 ft.**

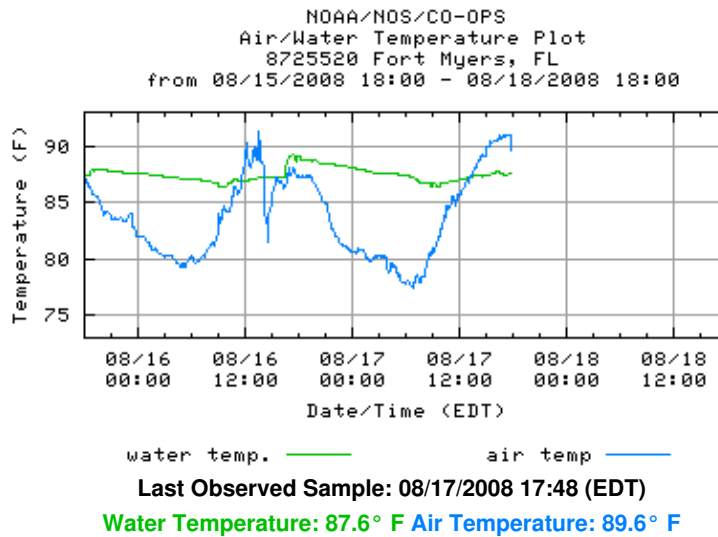
Historical Maximum Water Level: 11/23/1988, 3.41 ft. above **MHHW**



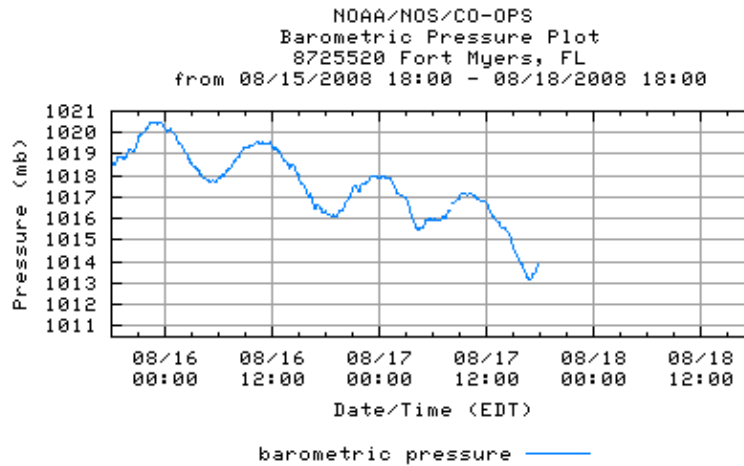
**Fort Myers, FL - Station Map** [Return to List](#)



**Fort Myers, FL - Station Map** [Return to List](#)



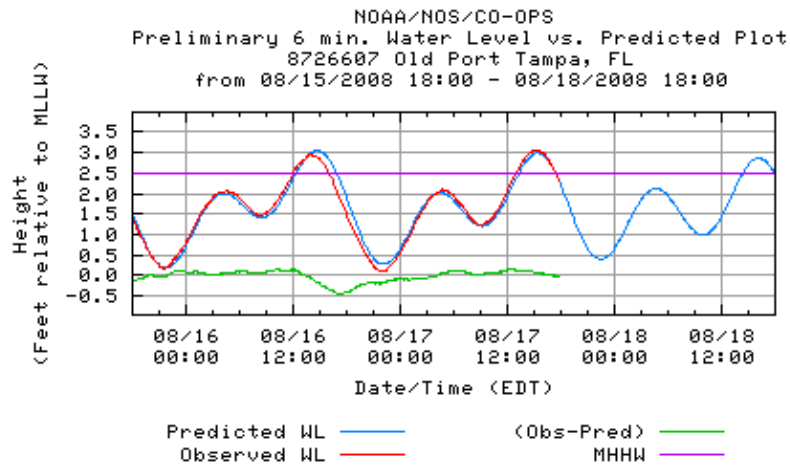
**Fort Myers, FL - Station Map** [Return to List](#)



Last Observed Sample: 08/17/2008 17:48 (EDT)

Barometric Pressure: 1013.9 mb

**Old Port Tampa, FL - Station Map** [Return to List](#)

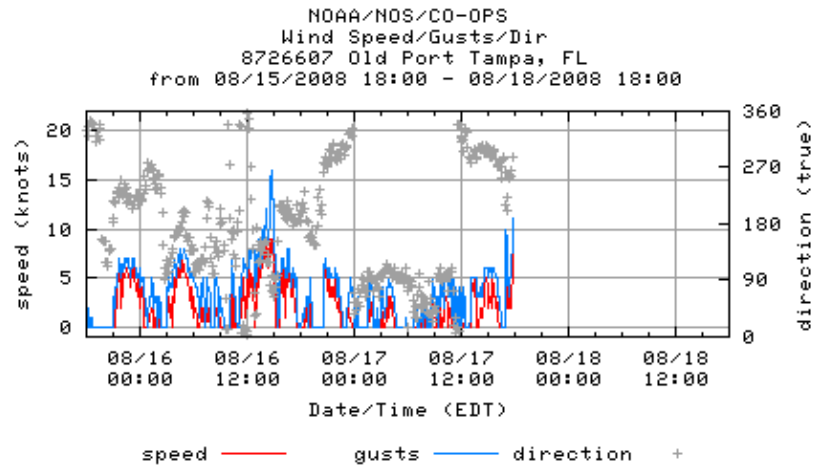


Last Observed Sample: 08/17/2008 17:48 (EDT)

Relative to **MLLW**: Observed: 2.29 ft. Predicted: 2.31 ft. Residual: -0.02 ft.

Historical Maximum Water Level: 10/08/1996, 3.56 ft. above **MHHW**

**Old Port Tampa, FL - Station Map** [Return to List](#)



**Last Observed Sample: 08/17/2008 17:48 (EDT)**

**Wind Speed: 10 knots Gusts: 11 knots Direction: 287° T**

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)  
National Oceanic and Atmospheric Administration | U.S. Department of Commerce